

CLAIMS

It is claimed:

1. A method of monitoring a condition of an animal, the animal having a visually observable tissue, the method comprising

 selecting a monitoring material for introduction into the animal

 selecting a method of introducing the monitoring material into the animal

 selecting at least one site on the animal for introducing the monitoring material

 introducing the monitoring material into the animal at the selected sites, wherein as a result of the introduction of the monitoring material, a visually ascertainable indication of a status of the condition of the animal appears in at least one pre-defined site on the animal

 observing the indication to thereby visually ascertain the status of the condition.
2. The method of monitoring a condition of an animal of claim 1 further comprising selecting a method of localizing the monitoring material.
3. The method of monitoring a condition of an animal of claim 1, wherein animal has a nail tissue, and the site is under the nail tissue.
4. The method of monitoring a condition of an animal of claim 1, wherein animal has a mouth, and the site is within the mouth.
5. The method of monitoring a condition of an animal of claim 4, wherein the mouth includes at least one tooth, and the site is on the tooth.

6. The method of monitoring a condition of an animal of claim 4, wherein the mouth includes a cheek, and the site is the cheek.
7. The method of monitoring a condition of an animal of claim 1 further comprising selecting a condition to monitor.
8. The method of monitoring a condition of an animal of claim 1 wherein the site is easily monitored.
9. The method of monitoring a condition of an animal of claim 1 wherein the monitoring material is selected from the group consisting of: organic materials and inorganic materials.
10. The method of monitoring a condition of an animal of claim 1 wherein the method of implanting is selected from the group consisting of transplantation, implantation, injection, tattooing and absorption.
11. The method of monitoring a condition of an animal of claim 1 wherein the monitoring material is comprised in a lotion, and the step of introducing the monitoring material comprises applying the lotion to the animal's skin.
12. The method of monitoring a condition of an animal of claim 1 wherein the step of selecting at least one site comprises selecting sites which are relatively hairless.
13. The method of monitoring a condition of an animal of claim 1 wherein the step of selecting at least one site comprises selecting sites which are relatively free of blemish.

14. The method of monitoring a condition of an animal of claim 1 further comprising preparing the sites for introducing the monitoring material.

15. The method of monitoring a condition of an animal of claim 1 wherein the steps of (a) selecting a monitoring material, (b) selecting a method of introducing and (c) selecting at least one site are performed in the order (b), (c), (a).

16. A method of monitoring a condition of an animal, the animal having a visually observable tissue, the method comprising

selecting a monitoring material for introduction into the animal
selecting a method of introducing the monitoring material into the animal
selecting at least one site on the animal for introducing the monitoring material
introducing the monitoring material into the animal at the selected sites, wherein as a result of the introduction of the monitoring material, a visually ascertainable indication of a status of the condition appearing on the tissue.

17. The method of monitoring a condition of an animal of claim 16 further comprising selecting a condition to monitor.

18. The method of monitoring a condition of an animal of claim 16 wherein the monitoring material is selected from the group consisting of: living tissues, organic materials and inorganic materials.

19. The method of monitoring a condition of an animal of claim 16 wherein the method of introducing is selected from the group consisting of injection, tattooing and absorption.

20. The method of monitoring a condition of an animal of claim 16 wherein the monitoring material is comprised in a lotion, and the step of introducing the monitoring material comprises applying the lotion to the animal's skin.

21. The method of monitoring a condition of an animal of claim 16 wherein the step of selecting at least one site comprises selecting sites which are relatively hairless.

22. The method of monitoring a condition of an animal of claim 16 wherein the step of selecting at least one site comprises selecting sites which are relatively free of blemish.

23. The method of monitoring a condition of an animal of claim 16 further comprising preparing the sites for introducing the monitoring material.

24. A method of monitoring a condition of an animal, the animal having a visually observable tissue, the method comprising

selecting at least one site on the animal

introducing a monitoring material into the animal at the selected sites

periodically observing the selected sites, wherein as a result of the implantation of the monitoring material, a visually ascertainable indication of a status of the condition appears on the animal's skin

wherein if the status of the condition is normal, then the selected site has a first appearance

wherein if the status of the condition is changed a small amount from normal, then the selected site has a second appearance which appears to be a small change from the first appearance

wherein if the status of the condition changes considerably from normal, then the selected site has a third appearance which appears very noticeably different from the first appearance.

25. The method of claim 18 wherein if the status of the condition changes a dangerous amount from normal, then the selected site has a fourth appearance which is especially conspicuous.

26. The method of claim 18 further comprising selecting the condition to monitor.